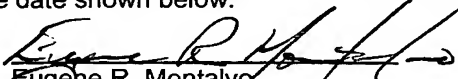


PATENT  
TS-6372 (US)  
SNO:SWT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Alexandria, VA 22313-1450, on or before the date shown below.

  
Eugene R. Montalvo  
Date: 17 Sep 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	
	)	
Robert A. Alford et al.	)	
	)	
Serial No. 10/621,600	)	Group Art Unit: 1725
	)	
Filed: July 17, 2003	)	Examiner: Clifford Shaw
	)	
FORGE WELDING PROCESS	)	September 13, 2006
	)	
_____ Commissioner of Patents Alexandria, Virginia 22313-1450		

Sir:

FEE AND INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

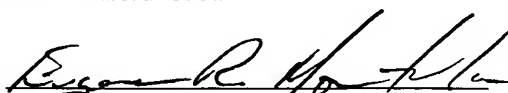
It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialling next to each item submitted by the applicant.

FEE

The Commissioner is hereby authorized to charge to Deposit Account No. 19-1800, any fee associated with the filing of this Information Disclosure Statement.

Respectfully submitted,  
Robert A. Alford et al.

By   
Attorney, Eugene R. Montalvo  
Registration No. 32,790  
(713) 241-0296

P.O. Box 2463  
Houston, Texas 77252-2463



FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TS-6372APPLICATION NUMBER  
10/621,600LIST OF INFORMATION PROVIDED  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Alford et al.FILING DATE  
July 17, 2003GROUP ART UNIT  
1725

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US5187343	02/16/93	Edwards	219	74	
	AB	US1260690	04/20/17	Liady			
	AC	US20020014966	02/07/02	Strassner, II et al.	340	572.1	
	AD	US20030033870	02/20/03	Shah et al.	73	299	
	AE	US20040091076 A1	05/13/04	Kerr et al.	376	260	
	AF	US20040093949 A1	04/20/04	Alleyne	73	625	
	AG	US20040134970 A1	07/15/04	Den Boer et al.	228	104	
	AH	US2497631	05/14/48	Rothschild	219	10	
	AI	US2604569	02/28/50	Denneen	219	10	
	AJ	US2660199	05/01/47	Montgomery	138	84	
	AK	US2998646	09/05/61	Hitz	29	470	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation Yes No	
	AL							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)  LIST OF INFORMATION PROVIDED BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. TS-6372	APPLICATION NUMBER 10/621,600
	APPLICANT Alford et al.	
	FILING DATE July 17, 2003	GROUP ART UNIT 1725

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US3065536	11/27/62	Chapman	29	493	
	AB	US3689113	09/05/72	Blaschke	285	90	
	AC	US4100809	07/18/78	Bobrov et al.	73	638	
	AH	US4127035	11/28/78	Vasile	73	629	
	AI	US4184374	01/22/80	Thompson et al.	73	640	
	AJ	US4289030	09/15/81	Alers et al.	73	588	
	AK	US4384657	05/24/83	Ueno et al.	220	458	
	AL	US4471658	09/18/84	Morimoto	73	643	
	AM	US4483399	11/20/84	Colgate	166	308	
	AN	US4566625	01/28/86	Moe	228	173	
	AO	US4593568	06/10/86	Telford et al.	73	623	
	AP	US4669650	06/02/87	Moe	228	219	
	AQ	US4675728	06/23/87	Egger et al.	358	100	
	AR	US4679448	07/14/87	Lund	73	866.5	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AT							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER	DATE CONSIDERED
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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US4685334	08/11/87	Latimer	73	599	
	AB	US4728760	03/01/88	Brolin et al.	219	9.5	
	AC	US4736084	04/05/88	Moe	219	61.2	
	AD	US5085082	02/04/92	Cantor et al.	73	622	
	AE	US5187343	02/16/93	Edwards	219	74	
	AF	US5285065	02/08/94	Diagle et al.	250	303	
	AG	US5435478	07/25/95	Wood et al.	228	42	
	AH	US5526691	06/18/96	Latimer et al.	73	592	
	AI	US5537876	07/23/96	Davidson et al.	73	624	
	AJ	US5549003	08/27/96	Drescher-Krasicka	73	606	
	AK	US5581037	12/03/96	Kwun et al.	73	623	
	AL	US5619423	04/08/97	Scrantz	364	507	
	AM	US5721413	02/24/98	Moe	219	61.2	
	AN	US5760307	06/02/98	Latimer et al.	73	643	
	AO	US5770832	06/23/98	Carnes et al.	219	109	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AS							

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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	US6078031	06/20/00	Bliault et al.	219	607	
	AB	US6170336	01/09/01	Johnson et al.	73	643	
	AC	US6250163	06/26/01	MacLauchlan et al.	73	643	
	AH	US6568271	05/27/03	Shah et al.	73	599	
	AI	US6597997	07/22/03	Tingley	702	34	
	AJ	US6624628	09/23/03	Kwun et al.	324	240	
	AK	US6751560	06/15/04	Tingley et al.	702	51	

FOREIGN PATENT DOCUMENTS							
		Document No.	Date	Country	Class	Subclass	Translation Yes No
	AL	DE3628246	30/04/87	DE	B23K11	04	X
	AM	EP0287429	19/10/88	EP	B29C55	24	X
	AN	EP0405881	02/01/91	EP	E21B 47	00	X
	AO	EP1078709	28/02/01	EP	B23K 13	02	X
	AP	EP1167852	02/01/02	EP	F16L 13	00	X
	AQ	EP1243946	25/09/02	EP	G01V 15	00	X
	AR	JP1552660	19/09/79	JP	B23K 9	02	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
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REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						

FOREIGN PATENT DOCUMENTS								
		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	GB2190722	25/11/87	GB	H04N 7	18	X	
	AM	JP793402	16/04/58	JP	B23K		X	
	AN	JP3243286	30/10/91	JP	B23K 20	12	X	
	AO	JP7024577 + Abst.	27/01/95	JP	B23K 9	028		X
	AP	JP2001141705	25/05/01	JP	G01N 29	04	X	
	AQ	JP61049787 + Abst.	11/03/86	JP	B23K 9	16		X
	AR	JP61049789 + Abst.	11/03/86	JP	B23K 9	23		X
	AS	W00026500	11/05/00	WO	E21B 19	22	X	
	AT	W003086895 + Abst.	23/10/03	WO	B32B 27	08		X
	AU	W09800626	08/01/98	WO	E21B 43	10	X	

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